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alloys for Gases by the Vacuum Fusion Method,
by R. Castro, A. Portevin.

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Bratcher Tr No 336
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Scientific - Minerals/Metals

Reduction Mechanism of Aluminum Addition as
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Brutcher Tr No 39
\$2.50

Scientific - Minerals/Metals *20, 336*

61-16437

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A SOURCE OF ERROR IN THE CHEMICAL DETER-
MINATION OF NITROGEN IN SPECIAL STEELS.
[1958] Sp. 4 refs.
Order from SLA \$1.10

61-16437

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DESCRIPTORS: *Steel, Metallurgical analysis,
*Nitrogen, Determination, Errors.

I. Castro, R.
II. Allemand, J.
III. Poussardin, R.

Office of Technical Services

(Metallurgy--Ferrous Metals, TT, v. 6, no. 4)

Experimental Investigation of Solidification
Cracks in Steels: The Influence of Impurities,
by A. Guéussier, R. Castro.

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BISI 1884

135,562

Sci - Min/Met

Brittleness of Special Steels in the As-Cast
Condition; Influence of Impurities, by *
R. Castro, A. Gueussier.

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BISI 1816

Sci - M/M

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Contribution to the Study of Embrittlement in
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Steels, by R. Castro, A. Guessier.

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BISI 1978

Sci - Min/Met

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(L 10)

Sci - Min/Met
Apr 59

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HB 4591

Sci - Min/Met

Oct 60

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Temperatures in 18-8 Type Austenitic Steels,
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(18 15a.01.)

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Sci-Medicine
Mar 58

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HETEROCYCLIC DERIVATIVES OF THE PYRIMIDOBENZIMIDAZOLE GROUP I (Dérivés Hétérocycliques de la Classe des Pyrimidobenzimidazoles).
[1961] [20]p. (foreign text included) 15 refs.
Order from SLA \$1.60 61-20208

Trans. of Soc[été] Chim[ique de] Belg[ique]. Bull[etin]
1950, v. 59, p. 573-580.

DESCRIPTORS: *Heterocyclic compounds, Synthesis, Amines, *Benzimidazoles, Azoles, Condensation reactions, *Pyrimidines, Photographic emulsions, Stability, Preservation.

The authors describe a series of pyrimido-[1,2]-benzimidazoles and related compounds obtained by the condensation of 2-aminobenzimidazole, 4-5-diphenyl-2-aminimidazole and 2-aminimidazoline with β -ketonic esters, malonic esters, and β -imino-nitriles.
(Author)

61-20208

I. Car, A. de
II. Dormael, A. van

4237373

(Chemistry--Organic, TT,
v. 9, no. 10)
Office of Technical Services

G. CATALANO

Anatomicopathologic Changes in the Nervous
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Feb 72

Labour Productivity in Light Industry,
by S. Radulescu, A. Caraculacu, 11 pp.
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1964, pp. 45-57.
JPRS 25028

EE-Rumania
Econ
Jun 64

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THE SUPPLYING OF ELECTRIC POWER TO THE
PETROLEUM AND CHEMICAL INDUSTRY, BY E. CATALIN,
GH. POPESCU, 10 PP.

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1962, NO 10, PP 447-452.

JPRS 16541

EEUR - RUMANIA
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Results of Study of the Pathogenic Power of a
Sudanese Strain of Histoplasma Capsulatum, by
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NIE Tr 4-32

Sci - Biology
May 1977 OHS/dec

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New Human Mycosis Observed in the French Sudan,
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No 3, Sep 1945, pp 159-172.

SLA 2503

Sci - Medicine
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p 22. ID 2090687

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Aug 58

Photometric Determination of Silicon in
Steel and Cast Iron by Molybdenum Blue
Method, by R. A. Catani.
PORTUGUESE, per, Sol. A.B.M., 1961, 17, (62).
SI-80.
*DISI 4022

Sci/Met & Nat
Mar 65

Tempering of Dry Sausages, by Ten Cate.
GERMAN, per, Fleischwirtschaft, Vol 12,
No 12, 1964, pp 1038-1042.
GB 96

TEN CATE

Sci -
Aug 67

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Vibration Nuisance, by W. Ten Cate, UNCLASSIFIED

DUTCH, rpt, Institut T.N.O. Werktuigkund Constructies,
No 147, May 1953.

RAE

Tr 693

SHA 58-56

Sci - Phys
May 58

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Appendices to Report 147 (May 1953) on Vibration
Nuisance, by W. Ten Cate, UNCLASSIFIED

DUTCH, rpt, Institut T.N.O. Werktuigbouw Constructies,
No 150.

RAE Tr 694

Sci- Phys
May 58

DSIR/32289/CT

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Experimental Demonstration in the Monkey of
Neurotropic Properties of Influenza Virus, by E
G. Cateigns, P. Brygod, B. Fausonnier.

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HNOX No 16, 1951, pp 1511-1513.

CIA/FDD/X-576

Scientific - Medicine

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The Effect of Freezing Raw Human Milk on Its
Utilization and Digestibility in the Premature
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SLA 60-10611

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SPANISH, Revista De Obras Publicas, February 1941,
pp 60-63.

USA Corps of Engr, Waterways Exper Sta Tr 44-3

Sci - Engineering, hydraulics, naval
Econ - Transportation, river, water

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Harbor Breakwaters, by Marciano Martinez Catena.

SPANISH, ^{part}Revista De Obras Publicas, Vol ^{LXXX}28, 1943.
A. Part II, Vertical-Wall Breakwaters, pp 319-323.
B. Part III, pp 365- , C. Part IV, pp 407- .

USA Corps of Engr, Waterways Exper Sta Tr 44-13

Sci - Engineering, hydraulics, naval
Econ - Transportation, river, water

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THE ULTRASTRUCTURE AND THE INTERCELLULAR GROWTH OF
THE CHICKENPOX VIRUS, BY P. TOURNIER, F. CATHALA,
7 PP.

FRENCH, PER, & PRESSE MEDICALE, VOL. LXV, NO 32,
1957, PP 1230-1235.

2 MIN 7-11-62.

SCI - MED

OCT 62

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Reaction of the Brain to Light Flashes, Results Obtained
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H. P. Cathala.

French, rpt, Electroencephalography and
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pp 674-694.

ACSI J-6873

ID A204050146

H. P. Cathala

Sci-Electronics and Electrical

Oct 66

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Edema and Hyperhydration in Early Infancy,
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NASA TT F-9047

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Oct 64
U.S. GOVERNMENT ONLY

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SEPTICEMIA WITH PSEUDOMONAS AERUGINOSA
(BACILLUS PYOCYANEUS) WITH MENINGITIS AND
MULTIPLE OSTEOARTICULAR LOCALIZATIONS:
TREATMENT WITH COLIMYCIN [AND] RECOVERY
(Septicémie à Pseudomonas Aeruginosa (Bacille Pyo-
cyanique) avec Meningite et Localisations Osteo-
Articulaires Multiples. Traitement par la Colimycine.
Guerison). [1963] 12p. 15 refs.
Order from SLA \$1.60

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Trans. of Nourriasson (France) 1960, v. 48, Mar/Apr,
p. 41-48.

DESCRIPTORS: *Bacteria, *Blood, Toxins and anti-
toxins, *Pseudomonas, *Meningitis, Bone, *Joints
(Physiology), *Colimycin, Neisseriaceae,

This case is that of a Bacillus pyocyaneus (Pseudo-
monas aeruginosa) septicemia attacking an infant two
(Biological Sciences--Pathology, TT, v. 10, no. 5)
(over)

63-16502

I. Cathala, J.
II. Martin, G.
III. Title: Treatment ...
IV. Title: Traitement ...

1242840

Office of Technical Services

(DC-3801)

French Communist Weekly's Moscow Correspondent
Tells Reasons for Expose of Anti-Party Group, &
Personality Cult, and Split With Albania, by Jean
Cathala, 7 pp.

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SPRS 11574

180,120

WEur - France
Pol
Jan 62 ,

Electrothermal Method of Preparing Sulphuric
Acid From Natural Sulphates, by J. Cathala,
35 pp.

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and Appl Chem, Vol I, 1947, pp 33-48.

S.L.A.

Scientific - Chemistry

OTS 68/May 55

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(DC-3801)

Thoughts About a Program, by Jean Cathala,
5 pp.

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25 Aug-1 Sep 1961, pp 18-19.

JPFB 12357

NEur - France
Pol
Feb 62

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Direct Production of Sulfuric Anhydride
on a Technical Scale, by J. Cathala,

29pp

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Vol 25, 1953, No 6, pp 285-291.

CPSTI TT-64-18855

J. Cathala

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Sci - Engineering
Apr 67

Registering Apparatus for the Control of Insulation
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FRENCH, per, Comptes Rendus Acad des Sci,
1925, Vol CLXXX, pp 370-373.

SLA 59-20442

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Vol 3, No 1

119 899

Catharin, P.
NON-DESTRUCTIVE TESTING OF STANDARD
PRISMS AS A DETERMINATION OF COMPRESSIVE
STRENGTH. [1962] 35p. 50 refs.
Order from SLA \$3.60

63-10182

Trans. of Zement-Kalk-Gips (West Germany) 1961,
v. 14, no. 9, p. 370-384.

DESCRIPTORS: *Structural parts, *Prisms, *Concrete,
Compressive properties, Determination, *Non-
destructive testing, Cements, Hardening.

Tests to-date indicate that by means of the derived
formulas we can compute the compressive strength
from the E- and G- moduli, when cement quality is
known. Accuracy can be described as satisfactory,
when one bears in mind that considerable differences in
compressive strength are recorded on standard prisms
(Materials, TT, v. 10, no. 2) (over)

63-10182

I. Catharin, P.

1289523

Office of Technical Services

Building and Rebuilding of Floating Craft Used
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Construction Industry, by Branko Qatic, 9 pp.

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Jul-Dec 1962, pp 743-748.

ACST I-3518-C
ID 824631A

HBur - Yugoslavia
Econ
Dec 63

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(NY-6450)

RESULTS ACHIEVED IN INTERNATIONAL HIGHWAY
TRANSPORTATION BY YUGOSLAV ENTERPRISES IN
1961, BY S. CATIC, 8 PP.

CROATIAN, PER, MEDUNARODNI TRANSPORT, VOL VIII,
NO 3, 1962, PP 192-194.

JPRS 14157

EEUR - YUGOSLAVIA
ECON .

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(DC-5567)

The Use of Foreign Transportation Services in
Yugoslav Imports and Exports, by Slobodan Catic, 7 pp

CROATIAN, per, Nova Prgovina, Vol XIV, No 2, 1961,
pp 87-89.

JPRS 8261

EEur - Yugoslavia

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Extraction d'uranium a partir de mineraux
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ITALIAN to FRENCH, per, Ann Chim Ital, Vol LII,
No 2, 3, 1962, pp 160-183.

Reverse Translation
CEA-X-582

Sci
Jan 65

The Rapid Conductimetric Determination of Free
Lime in Bessemer and LD-AC Slags, by P. Catoul,
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BISI 9014

P. Catoul

June 71

Mobilisation of Radionuclides by Means of
Esterified Polyaminopolycarboxylic Acids, by
A. Catsch, 16 pp.

GERMAN, per, International Journal Appl.
Radiation and Isotopes, Vol XI, 1961, pp 131-138.

ABC NP-22-907

Sci - Phys
20 Sep 62

212, 706

Catsch, A.
THE EFFECT OF CERTAIN CHELATING AGENTS
UPON THE ACUTE TOXICITY OF URANYL NITRATE.
[1961] 9p. 24 refs.
Order from RIS \$15.00

RIS G-267

Trans. of Klin[ische] W[ochen]schr[ift] (Germany) 1959,
v. 37, p. 657-660.

DESCRIPTORS: *Uranyl radicals, *Nitrates, *Toxicity,
*Chelate compounds, Therapy.

Mice were injected with various chelating agents after the animals had previously received injections of uranyl nitrate, i.p. If the administration takes place relatively soon (1/2 hour after the uranium salt), the LD₅₀ per 28 days, which was found to be 6.7 g/kg for the untreated animals, was increased to 12.4 by ethylenediaminetetraacetic acid and to 16.2 by diethylenetriaminepentaacetic acid. The effectiveness is strongly dependent upon the time of injection and dose of the chelating agent. Other polyamino-acids studied were found to be ineffective. (Author)

61-25013

- I. Catsch, A.
- II. RIS G-267
- III. Research Information Service, New York

Office of Technical Services
(Biological Sciences --
Toxicology, TT, v. 6, no. 5)

^{1/}
Some Physicochemical Considerations Concerning the
Elimination of Radioactive Metals by Means of
Complex Producers, by Hans Jorg Heller, Alexander
Catsch, 31 pp.

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AEC tr-3854

Sci - Phys
Jan 60

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Distribution of Radiocerium in Liver Cells and
the Influence of Diethylenetriaminediacetic Acid,
by A. Catsch, H. Immel-Teller, D. Schindewolf-
Jordan, 8 pp.

GERMAN, per, Z fuer Naturforschung, Vol XVIb, No 3,
1961, p 191. 9093629

AEC Tr-4794

Sci - Med
Dec 61

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Bodily Absorption of Radionuclides, by A. Gutsch.

GERMAN, per, Kerntechnik, Vol III, No 3, 1961,
pp 97-102.

U.K. Atomic Energy Authority
Risley, TRX Inf Series 4(PW)

Declassified
Nov 61

172, 129

The Effect of Diethylenetriaminepentaacetic Acid
on the Reabsorption of Radiocerium From an Intra-
muscular Deposit, by A. Catsch, H. Klefer, 4 pp.

GERMAN, per, Experientia, Vol XVII, No 1, 1961,
pp 22, 23. 9097869

AEC NF Tr-825

Sci - Chem
Apr 62

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Comparison of the Action of X-Rays and Fast
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Drosophila Melanogaster, by A. Catsch, O. Peter,
P. Welt, 3 pp.

GERMAN, per, Naturwissenschaften, XXXII, 1943,
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ABC Tr 3477

Sci - Med
Feb 59

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Effects on the Human Organism of High Energy Radio-
active Radiations, by A. Catsch, 13 pp.

GERMAN, per, Atomwirtschaft, Vol III, 1957, pp 73-76.

AEC CEA Tr A441

Reverse Trans German to French
Feb 59

Effect of Isotopic and Non-Isotopic Carriers on
the Behavior of Sr^{90} in the Rat, by A. Citsch, 2 pp.

GERMAN, per, Experientia, Vol XIII, 1957, pp
312-313.

ABC 3331

Sci - Med

Oct 58

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Experimental Bases for the Therapy of
Poisoning With Radioactive Substances, by
Alexander Catsch.

GERMAN, per, Strahlentherapie, Vol XCIX,
1956, pp 290-300.

AEC Tr 2464

Scientific - Physics
- Medicine
JUN 56 CTS/dax

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S.L.A. TR 702/56

Maximum Permissible Concentrations of
Radioactive Isotopes, by A. Catsch, 23 pp.
UNCLASSIFIED *Alexander*

GERMAN, par, Atomkern-Energie, No 2, 1957,
pp 181-186.

AEC Tr 3122

Sci - Nuclear Physics
Feb 58

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Catsch, A[lexander] and Melchinger, H.
~~THE EFFECT OF CHELATING AGENTS ON THE~~
~~BIOLOGICAL RETENTION OF RADIOACTIVE~~
YTTRIUM. Pt. 4 of Investigations of the Therapeutic
Possibilities in Poisoning due to Radioactive Fission
Products. [1961] 9p. 21 refs.
Order from RIS \$20.00 RIS G-265

Trans. of Strahlentherapie (West Germany) 1958, v. 107,
p. 437-443.

DESCRIPTORS: *Radiation sickness, *Therapy, *Chelate
compounds, Radioactive isotopes, *Yttrium, Deposits.

(See also RIS G-264)

(Biological Sciences--Radiobiology, TT, v. 9, no. 1)

61-23011

- I. Catsch, A.
- II. Melchinger, H.
- III. Title: Investigations . . .
- IV. RIS G-265
- V. Research Information
Service, New York

A236485

Office of Technical Services

Catach, Alexander and Du Khuong Lo.
THE EFFECT OF DIETHYLENETRIAMINE PENTA-
ACETIC ACID ON EXCRETION OF RADIOCERUM.
WHEN ADMINISTRATION IS BEGUN LATE. Pt. 3 of
[Investigations of the Therapeutic Possibilities in]
Poisoning [due to] Radioactive Fission Products. [1961]
14p. 12 refs.
Order from RIS \$35.00

RIS G-264

Trans. of Strahlentherapie (West Germany) 1958,
v. 107, p. 298-[308].

DESCRIPTORS: *Radiation sickness, Therapy,
*Ethyleneamines, *Acetic acids, Radioactive isotopes,
*Cerium, Metabolism, Excretion.

(See also RIS G-263)

(Biological Sciences--Radiobiology, TT, v. 9, no. 1)

61-25010

- I. Catach, A.
- II. Du Khuong Lo
- III. Title: Investigations . . .
- IV. RIS G-264
- V. Research Information
Service, New York

A259775

Office of Technical Services

Catsch, Alexander, Du Khuong Le, and Melchinger, Helga.

THE EFFECT OF DIAMINODIETHYLETHETETRAACETIC ACID (AND DIETHYLENETRIAMINE PENTAACETIC ACID) ON THE BIOLOGICAL DISTRIBUTION OF RADIO-CERIUM [Untersuchungen über Therapeutische Möglichkeiten bei Vergiftungen mit Radioaktiven Spaltprodukten. II. Die Wirkung von Diaminodiethylthertetraessigsäure und Diäthylentriaminpentaessigsäure auf die Verteilung von Radiocer]. Pt. 2 of [Investigations of the] Therapeutic Possibilities [in Poisoning due to] Radioactive Fission Products. [1961] 28p. 54 refs. Order from RIS \$75.00

RIS G-263

Trans. of [Strahlentherapie (West Germany) 1958, v. 106, no. 4, p. 606-626].

DESCRIPTORS: *Radiation sickness, Therapy, *Ethyl ethers, *Acetic acids, *Amines, Radioactive (Biological Sciences--Radiobiology, TT, v. 9, no. 1) (over)

61-25009

- I. Catsch, A.
- II. Du Khuong Le
- III. Melchinger, H.
- IV. Title: Wirkung . . .
- V. Title: Investigations . . .
- VI. RIS G-263
- VII. Research Information Service, New York

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Carsch, Alexander] and Du Khuong Le.
THE EFFECT OF CHELATING AGENTS ON THE
RETENTION OF RADIOACTIVE CERIUM IN THE
MAMMALIAN ORGANISM. Pt. I of Investigations of
the Therapeutic Possibilities in Poisoning due to
Radioactive Fission Products. [1961] 17p. 33 refs.
RIS G-262
Order from RIS \$40.00

Trans. of Strahlentherapie (West Germany) 1957,
v. 104, p. 494-506.

DESCRIPTORS: *Radiation sickness, Therapy,
*Chelate compounds, Radioactive isotopes, *Cerium,
Mammals, Deposits, Bone, Liver, Kidneys,
Excretion.

(Biological Sciences--Radiobiology, TT, v. 9, no. 1)

61-25008

- I. Carsch, A.
- II. Du Khuong Le
- III. Title: Investigations . . .
- IV. RIS G-262
- V. Research Information
Service, New York

4236486

Office of Technical Services

Field Equipment for Determining the Intensity of
Photosynthesis, by J. Catsky, B. Slavik.
CZECH, per, Biologia Plantarum (Praha), Vol. 2, No. 2,
1960, pp 107-112.
HZDIA

J. CATSKY

Sci -
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Fractionation of Deoxyribonucleic Acids
by Salting Out Treatment in Alcohol
Medium, by D. Cattani.
FRENCH, per, Mail Soc Chin Biol, Vol 46,
Nos 9-10, 1964, pp 1035-1045.
NIM 3-8-65

D. Cattani

Sci-Biol & Med Sci
May 65

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The Periodic Disease. Report on 14 Personal Cases,
8 of Which Were Complicated by Nephropathies, by
H. Mancu, R. Cattani, 36 pp.

FRENCH, per, Semaine Hopitaux Paris, Vol XXVIII,
1952, pp 1062-1070.

NR 3-17-61

Sci - Med
Apr 6
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Prevention of Mild Incidents to the Use of Antibiotics of the Tetracycline Group by Systematic Combination With Sulfaguanidine, by R. Cattan, Gorins, Cl. Levy, 5 pp.

FRENCH, per, Archives des Maladies de l'Appareil Digestif et des Maladies de la Nutrition, 2e Vol XLIV, No 9/10, 1955, pp 1061-1063.

SIA 59-15752

Sci
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Vol 2, No 5

103 555

Idiopathic Hypoproteinemia. A Study of its
Mechanism With the Polyvinylpyrrolidone-¹³¹I Test,
by P. Vesin, E. Renault, R. Cattin, 7 pp.

FRANCE, par; Bulletins et Memoires de la Societe
Medicale des Hopiteux de Paris, Vol LXXV, No 9-11,
1959, pp 319-322.

MM 7-23

Sci - Medicine
Aug 59

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Idiopathic ^HGypoproteinemia With Hypogamma-
Globulinemia. Normo-Aldosterone Edema.
Polycythemia, by P. Vesen, J. Paolaggi, O.
Blanpin, A. Domart, R. Cattan, 13 pp.
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FRENCH, per, Bull et Memoires de la Societe
Medicale des Hopitaux de Paris, Vol IV, No
74, 1958, pp 308-319.

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Sci - Med

Jun 59

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Structure of Mycobacteria. III. Demonstration of
Main Metabolic Processes by Means of Opticelectron
Studies of the Ultra-Thin Layers of Cells in Various
Mycobacterial Species (Reduction of 2,3, 5-
Triphenyl-Tetrazolium Chloride, by A. Hirsch,
G. Cattaneo, P. Maggini, 18 pp.

GERMAN, per, Zentralblatt Bakteriologie, Vol CXXXIV,
1959, pp 514-531.

Navy Tr 31A1/MS 694

Sci - Med

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Jun 62

Cattaneo, I., Giraldi, A., and Maineri, L.
COMBINATION OF CYCLOPENTHAZIDE, NEW
SULFONAMIDE DIURETIC, WITH GUANETHIDINE
IN TREATING HYPERTENSION (L'Associazione
della Ciclopentazide, Nuovo Diuretico Sulfamidico,
con la Guanetidina nel Trattamento dell'Iipertensione
Arteriosa). Jan 63, 10p. 29 refs.
Order from SLA \$1.10

63-10723

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